



#13

SEQUENCE LISTING

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<120> METHODS FOR TREATING NEUROLOGICAL INJURIES AND
DISORDERS

<130> 47506(47843)

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<150> 60/091,791

<151> 1998-07-06

<160> 4

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ccaggacctc aaagcacccc cgacctaaagg tcaccagccc actggcccca gacgcagtgg 180

gctccgctga ctctcttggga cacctcctgg gaggaaa atg ctc cct gtc tgc cat 235
Met Leu Pro Val Cys His

1

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cgt ttt tgc gac cac ctc ctc ctc ctg ctc ttg ctg ccc tcg acg acc 283
Arg Phe Cys Asp His Leu Leu Leu Leu Leu Leu Leu Pro Ser Thr Thr

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15

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ctg gcc ccc gcg cca gca tcc atg ggc ccc gct gcc gcc ctg ctc cag 331
Leu Ala Pro Ala Pro Ala Ser Met Gly Pro Ala Ala Leu Leu Gln

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gtt ctt ggg ctt ccc gaa gcg ccc cgg agc gtc ccc aca cac cga cct 379
Val Leu Gly Leu Pro Glu Ala Pro Arg Ser Val Pro Thr His Arg Pro

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gtg cct cct gtc atg tgg cgc cta ttc cgt cgc cgt gac ccc cag gag 427

Val	Pro	Pro	Val	Met	Trp	Arg	Leu	Phe	Arg	Arg	Arg	Asp	Pro	Gln	Glu	
55					60					65					70	
gcc	aga	gtg	gga	cgc	cct	ctg	cgg	cca	tgc	cac	gtg	gag	gaa	cta	ggg	475
Ala	Arg	Val	Gly	Arg	Pro	Leu	Arg	Pro	Cys	His	Val	Glu	Glu	Leu	Gly	
				75					80					85		
gtc	gcc	gga	aac	att	gtg	cgc	cac	atc	ccc	gac	agc	ggt	ctg	tcc	tcc	523
Val	Ala	Gly	Asn	Ile	Val	Arg	His	Ile	Pro	Asp	Ser	Gly	Leu	Ser	Ser	
			90					95					100			
agg	ccc	gca	caa	ccc	gcc	agg	acc	tcg	ggg	ctg	tgc	ccc	gag	tgg	aca	571
Arg	Pro	Ala	Gln	Pro	Ala	Arg	Thr	Ser	Gly	Leu	Cys	Pro	Glu	Trp	Thr	
		105					110					115				
gtc	gtc	ttt	gac	ctg	tcg	aat	gtg	gag	ccc	aca	gag	cgc	cca	aca	cgc	619
Val	Val	Phe	Asp	Leu	Ser	Asn	Val	Glu	Pro	Thr	Glu	Arg	Pro	Thr	Arg	
	120					125					130					
gcg	cgc	tta	gag	ttg	cgg	ctg	gag	gct	gag	tgt	gaa	gat	aca	gga	ggg	667
Ala	Arg	Leu	Glu	Leu	Arg	Leu	Glu	Ala	Glu	Cys	Glu	Asp	Thr	Gly	Gly	
135					140				145						150	
tgg	gag	cta	agc	gtg	gca	ctg	tgg	gcc	gac	gca	gag	cat	cca	ggg	cct	715
Trp	Glu	Leu	Ser	Val	Ala	Leu	Trp	Ala	Asp	Ala	Glu	His	Pro	Gly	Pro	
			155					160						165		
gag	ctg	ctg	cgc	gtg	ccg	gcg	cca	cca	ggg	gtg	ctc	ctg	cgc	gca	gac	763
Glu	Leu	Leu	Arg	Val	Pro	Ala	Pro	Pro	Gly	Val	Leu	Leu	Arg	Ala	Asp	
			170					175					180			
cta	ctg	ggg	act	gca	gta	gcc	gcc	aac	gca	tca	gtg	ccc	tgt	act	gtg	811
Leu	Leu	Gly	Thr	Ala	Val	Ala	Ala	Asn	Ala	Ser	Val	Pro	Cys	Thr	Val	
		185					190					195				
cgc	ctg	gcg	ctg	tca	ctg	cac	cct	ggg	gcc	act	gca	gcc	tgt	ggg	cgc	859
Arg	Leu	Ala	Leu	Ser	Leu	His	Pro	Gly	Ala	Thr	Ala	Ala	Cys	Gly	Arg	
	200					205				210						
ctg	gct	gag	gcc	tcc	ctg	ctg	ctg	gtg	acg	ctg	gac	cca	cgc	ctg	tgt	907
Leu	Ala	Glu	Ala	Ser	Leu	Leu	Leu	Val	Thr	Leu	Asp	Pro	Arg	Leu	Cys	
215					220				225						230	
ccc	ttg	ccg	cga	ttg	cgg	cgc	cac	acg	gag	ccc	agg	gta	gaa	gtt	ggt	955
Pro	Leu	Pro	Arg	Leu	Arg	Arg	His	Thr	Glu	Pro	Arg	Val	Glu	Val	Gly	
				235					240					245		
cca	gtg	ggc	act	tgt	cgt	acc	cga	cgg	ttg	cat	gtg	agc	ttc	cgt	gag	1003
Pro	Val	Gly	Thr	Cys	Arg	Thr	Arg	Arg	Leu	His	Val	Ser	Phe	Arg	Glu	
			250					255					260			
gtg	ggc	tgg	cac	cgt	tgg	gtg	atc	gcg	ccg	cgt	ggc	ttc	cta	gcc	aac	1051
Val	Gly	Trp	His	Arg	Trp	Val	Ile	Ala	Pro	Arg	Gly	Phe	Leu	Ala	Asn	
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ttc	tgc	cag	ggc	acg	tgc	gca	cta	ccc	gaa	acg	ctg	agg	gga	ccc	ggc	1099
Phe	Cys	Gln	Gly	Thr	Cys	Ala	Leu	Pro	Glu	Thr	Leu	Arg	Gly	Pro	Gly	

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ggg ccg cct gca ctc aac cac gct gtg ctg cgc gcg ctc atg cac gca			1147
Gly Pro Pro Ala Leu Asn His Ala Val Leu Arg Ala Leu Met His Ala			
295	300	305	310
gct gct ccc acc ccg ggt gca ggc tcg ccc tgc tgc gtg cca gag cgt			1195
Ala Ala Pro Thr Pro Gly Ala Gly Ser Pro Cys Cys Val Pro Glu Arg			
	315	320	325
cta tca ccc atc tcc gtg ctc ttc ttc gac aat agt gac aac gtg gtc			1243
Leu Ser Pro Ile Ser Val Leu Phe Phe Asp Asn Ser Asp Asn Val Val			
	330	335	340
ctg cga cac tac gaa gac atg gtg gtg gat gag tgt ggc tgc cgt			1288
Leu Arg His Tyr Glu Asp Met Val Val Asp Glu Cys Gly Cys Arg			
	345	350	355
tgaccacccg ggacaccctt tcagggaccg cccacgcaa aagcaggac tgtttgttca			1348
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 35 40 45
 Val Pro Thr His Arg Pro Val Pro Pro Val Met Trp Arg Leu Phe Arg
 50 55 60
 Arg Arg Asp Pro Gln Glu Ala Arg Val Gly Arg Pro Leu Arg Pro Cys
 65 70 75 80
 His Val Glu Glu Leu Gly Val Ala Gly Asn Ile Val Arg His Ile Pro
 85 90 95
 Asp Ser Gly Leu Ser Ser Arg Pro Ala Gln Pro Ala Arg Thr Ser Gly
 100 105 110
 Leu Cys Pro Glu Trp Thr Val Val Phe Asp Leu Ser Asn Val Glu Pro
 115 120 125
 Thr Glu Arg Pro Thr Arg Ala Arg Leu Glu Leu Arg Leu Glu Ala Glu
 130 135 140
 Cys Glu Asp Thr Gly Gly Trp Glu Leu Ser Val Ala Leu Trp Ala Asp

145 150 155 160
 Ala Glu His Pro Gly Pro Glu Leu Leu Arg Val Pro Ala Pro Pro Gly
 165 170 175
 Val Leu Leu Arg Ala Asp Leu Leu Gly Thr Ala Val Ala Ala Asn Ala
 180 185 190
 Ser Val Pro Cys Thr Val Arg Leu Ala Leu Ser Leu His Pro Gly Ala
 195 200 205
 Thr Ala Ala Cys Gly Arg Leu Ala Glu Ala Ser Leu Leu Leu Val Thr
 210 215 220
 Leu Asp Pro Arg Leu Cys Pro Leu Pro Arg Leu Arg Arg His Thr Glu
 225 230 235 240
 Pro Arg Val Glu Val Gly Pro Val Gly Thr Cys Arg Thr Arg Arg Leu
 245 250 255
 His Val Ser Phe Arg Glu Val Gly Trp His Arg Trp Val Ile Ala Pro
 260 265 270
 Arg Gly Phe Leu Ala Asn Phe Cys Gln Gly Thr Cys Ala Leu Pro Glu
 275 280 285
 Thr Leu Arg Gly Pro Gly Gly Pro Pro Ala Leu Asn His Ala Val Leu
 290 295 300
 Arg Ala Leu Met His Ala Ala Ala Pro Thr Pro Gly Ala Gly Ser Pro
 305 310 315 320
 Cys Cys Val Pro Glu Arg Leu Ser Pro Ile Ser Val Leu Phe Phe Asp
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 Glu Cys Gly Cys Arg
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Asn Met Val Val Glu Glu Cys Gly Cys

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